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Standard Analog Video Cable

RG-59/U Type

Jameco Part Number 232670 (9259-010-1000)

BRILLIANCE®

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

22 AWG Solid Bare Copper-covered Steel • Bare Copper Braid Shield

Polyethylene Insulation • Black PVC Jacket

UL AWM Style 1354 (30V 60°C)	**8263**	NEC: CMX	U-500	U-152.4	19.5	8.9	23 AWG (solid) .023″ BCCS 49.0Ω/M′ 160.7Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M′ 8.5Ω/km	.242	6.15	75	66%	20.5	67.3	1	.6	2.0
		CEC: CMX	U-1000	U-304.8	39.0	17.7											10	1.1	3.6
			1000	304.8	38.0	17.3											50	2.4	7.9
																	100	3.4	11.2
																	200	4.9	16.1
																	400	7.0	23.0
																	700	9.7	31.8
																	900	11.1	36.4
																	1000	12.0	39.4

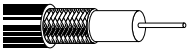
Non-contaminating Black PVC Jacket.

UL AWM Style 1354 (30V 80°C)	**9244**	NEC: CMX	U-500	U-152.4	18.0	8.2	22 AWG (solid) .025″ BCCS 50.0Ω/M′ 164.0Ω/km	.146	3.71	BC Braid 85% Shield Coverage 4.5Ω/M′ 14.8Ω/km	.242	6.15	75	66%	19.4	63.6	1	.6	2.0
		CEC: CMX	U-1000	U-304.8	36.0	16.4											10	1.1	3.6
			1000	304.8	36.0	16.4											50	2.4	7.9
			3280	1000.0	118.1	53.8											100	3.4	11.2
																	200	4.9	16.1
																	400	7.0	23.0
																	700	9.7	31.8
																	900	11.1	36.4
																	1000	12.0	39.4

100% Sweep tested. 5 MHz to 450 MHz.

Foam Polyethylene Insulation • Black PVC Jacket

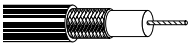
75°C	**8221**		U-500	U-152.4	18.5	8.4	22 AWG (solid) .025″ BCCS 50.0Ω/M′ 164.0Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M′ 8.5Ω/km	.242	6.15	80	78%	16.3	53.5	1	.4	1.4
			500	152.4	18.5	8.4											10	.9	3.0
			U-1000	U-304.8	36.0	16.4											50	2.0	6.6
			1000	304.8	36.0	16.4											100	2.9	9.5
																	200	4.1	13.4
																	400	5.9	19.4
																	700	7.8	25.6
																	900	8.8	28.9
																	1000	9.9	32.5



22 AWG Stranded (7x30) .030″ Bare Copper • 95% Bare Copper Braid Shield

Foam Polyethylene Insulation • Black PVC Jacket

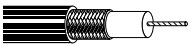
UL AWM Style 1354 (30V 60°C) VW-1	**9659**	NEC: CMX	U-500	U-152.4	18.0	8.2	22 AWG (7x30) .030″ BC 15.0Ω/M′ 49.2Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M 8.5Ω/km	.242	6.15	75	78%	17.3	56.7	1	.3	1.0
		CEC: CMX	U-1000	U-304.8	36.0	16.4											10	.9	3.0
			1000	304.8	36.0	16.4											50	2.1	6.9
																	100	3.0	9.8
																	200	4.5	14.8
																	400	6.6	21.6
																	700	8.9	29.2
																	900	10.1	33.1
																	1000	10.9	35.8



100% Sweep tested. 5 MHz to 450 MHz.

Non-contaminating PVC Jacket. For CCTV applications.

UL AWM Style 1354 (30V 80°C)	**9259**	NEC: CM	100	30.5	4.6	2.1	22 AWG (7x30) .030″ BC 15.0Ω/M′ 49.2Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M 8.5Ω/km	.241	6.12	75	78%	17.3	56.7	1	.3	1.0
		CEC: CM	U-500	U-152.4	18.5	8.4											10	.9	3.0
			500	152.4	20.5	9.3											50	2.1	6.9
			U-1000	U-304.8	36.0	16.4											100	3.0	9.8
			1000	304.8	36.0	16.4											200	4.5	14.8
																	400	6.6	21.7
																	700	8.9	29.2
																	900	10.1	33.1
																	1000	10.9	35.8



For Plenum versions of 9259, see 89259 or 82259.

For CCTV applications.

Plenum • Foam FEP Insulation • Black FEP Jacket

200°C	**89259**	NEC: CMP	100	30.5	5.1	2.3	22 AWG (7x30) .030″ BC 15.0Ω/M′ 49.2Ω/km	.135	3.43	BC Braid 95% Shield Coverage 2.6Ω/M 8.5Ω/km	.193	4.90	75	78%	17.3	56.7	1	.3	1.0
			500†	152.4	18.0	8.2											10	.9	3.0
		CEC: CMP FT6	1000†	304.8	34.0	15.5											50	2.1	6.9
																	100	3.0	9.8
																	200	4.5	14.8
																	400	6.6	21.6
																	700	9.0	29.5
																	900	10.1	33.1
																	1000	11.0	36.1

Suitable for Outdoor and Direct Burial applications.

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

75°C	**82259**	NEC: CMP	U-1000†	U-304.8	31.0	14.1	22 AWG (7x30) .030″ BC 15.0Ω/M′ 49.2Ω/km	.135	3.43	BC Braid 95% Shield Coverage 2.6Ω/M 8.5Ω/km	.193	4.90	75	78%	17.3	56.7	1	.3	1.0
			1000†	304.8	33.0	15.0											10	.9	3.0
		CEC: CMP FT6															50	2.1	6.9
																	100	3.0	9.8
																	200	4.5	14.8
																	400	6.6	21.6
																	700	9.0	29.5
																	900	10.1	33.1
																	1000	11.0	36.1

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.
†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.